

EGGS DEPOSITED—DAYS FOLLOWING EMERGENCE OF FEMALES.

Female of pair No.	EGGS DEPOSITED—DAYS FOLLOWING EMERGENCE OF FEMALES.																																		Totals.			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34				
1 =			A.M. 55			A.M. 97		A.M. 119		A.M. 159		A.M. 107	P.M. 114	P.M. 116	P.M. 123		P.M. 122		A.M. 116	P.M. 102		A.M. 127	P.M. 102		P.M. 107	A.M. Dead											1,566	
2 =					A.M. 134		A.M. 139			A.M. Dead																												273
3 =				P.M. 139		P.M. 142		A.M. 151		A.M. 136	P.M. 132		P.M. 112		P.M. 142		A.M. 140	A.M. 100		P.M. 74				P.M. 88		A.M. 95		P.M. 48		P.M. 43		P.M. 38	P.M. 22	P.M. Dead			1,602	
4 =			A.M. 126			P.M. Dead																																126
5 =			P.M. 128		A.M. 134		P.M. 130	P.M. 121			A.M. 131	P.M. 53		A.M. 65	A.M. Dead																							762
6 =					A.M. 111		P.M. 103		A.M. Dead																													214
7 =				A.M. 124	P.M. 116	P.M. 127		P.M. 115		A.M. 108	P.M. 101		A.M. 95	P.M. 69		A.M. 60	P.M. 45	P.M. 63		P.M. 33		P.M. 37		P.M. 26	A.M. Dead												1,119	
8 =			P.M. 133		A.M. 142	P.M. 140		A.M. 144	P.M. 137	P.M. 133			A.M. 139	A.M. 140		A.M. 136	P.M. 118		A.M. 110				A.M. Dead															1,472
9 =			A.M. 141	P.M. 134	P.M. 143		A.M. 110	P.M. 142	P.M. 127		A.M. 133		A.M. 141	A.M. 147		P.M. 106	P.M. 137		P.M. 129		A.M. 124		P.M. 128		A.M. 93	P.M. 114		P.M. Dead									2,049	
10 =				A.M. 142		A.M. 131	P.M. 134		A.M. 127		P.M. 106		P.M. 130			P.M. 79			A.M. 126	A.M. Dead																		975
11 =			A.M. 138		P.M. 131		A.M. 147		A.M. 115		P.M. 128		P.M. 122			A.M. Dead																						781
12 =				P.M. 147			A.M. 151		P.M. 147				P.M. 143			P.M. 72	A.M. Dead																					660
13 =			A.M. 65	P.M. 81			A.M. 70	A.M. Dead																														216
14 =			A.M. 130		P.M. 121		A.M. 113	P.M. 95		A.M. 110	P.M. 113	P.M. 91			P.M. 112	P.M. 61		P.M. 103		P.M. 83	P.M. 84		P.M. 85		P.M. 61		P.M. 35	A.M. 18	P.M. 32			A.M. Dead				1,447		
15 =			A.M. 126		A.M. 121		A.M. 112	A.M. 117			P.M. 102	P.M. 89		P.M. 56	A.M. Dead																							723
16 =							A.M. Dead																															0
17 =		P.M. 130		P.M. 120				A.M. 121			P.M. 153					A.M. 72	P.M. 92		P.M. 83																			862
18 =													P.M. Dead																									0
19 =		A.M. 128		A.M. 124	P.M. 123			A.M. 128		A.M. 106				P.M. Dead																								609
20 =			P.M. 54	A.M. 55	P.M. 103		A.M. 119	P.M. 123			P.M. 127		P.M. 104	P.M. 118		P.M. 105		A.M. 114	P.M. 96		P.M. 118		A.M. 94		A.M. 104		A.M. 91						P.M. Dead				1,526	
21 =			A.M. 102	† 168			P.M. 107		A.M. Dead																													377
22 =		A.M. 126			A.M. 123	A.M. 121		A.M. 122	P.M. 17	P.M. Dead																												509
23 =			A.M. 107	P.M. 99		A.M. 104	P.M. 26	A.M. 101	A.M. 123		P.M. 109		A.M. 114	A.M. 92	P.M. 92		A.M. 93	A.M. 81		A.M. 60	A.M. Dead																1,201	
24 =			P.M. 111	P.M. 112		A.M. 111	P.M. 106		A.M. 109	A.M. 81		P.M. 107		A.M. 105	P.M. 73		A.M. 98		A.M. 82	P.M. Dead																		1,095
25 =			P.M. 114		A.M. 109	P.M. 117	P.M. 112		P.M. 97		P.M. 115		A.M. 84	A.M. Dead																								748
26 =			P.M. 115		A.M. 124	P.M. 130		P.M. 130		A.M. 40	A.M. 89	P.M. 124			A.M. 117		A.M. 118		A.M. 116	P.M. 120		P.M. 98		A.M. 84		P.M. Dead											1,405	
27 =			P.M. 94			P.M. 89	P.M. 75						A.M. 133		A.M. 80	P.M. 92		P.M. 84		A.M. 82		P.M. 69		A.M. 61		A.M. 60	A.M. Dead										919	
28 =		P.M. 115		P.M. 106		A.M. 119	P.M. 114		P.M. 117		P.M. 114	P.M. 121		A.M. 114	P.M. 123		P.M. 108		A.M. 110	P.M. 105		P.M. 108		A.M. 83	P.M. 111	P.M. Dead											1,668	
29 =			A.M. 85	A.M. 101		P.M. 96		A.M. 105		P.M. 101		A.M. 76	P.M. 104		P.M. 101	P.M. 97		P.M. 95		A.M. 97		P.M. 65		P.M. 78		A.M. 71		P.M. 53	A.M. Dead								1,325	
30 =			P.M. 113		P.M. 122	P.M. 61	A.M. 61	P.M. 123		A.M. 128		P.M. 109	P.M. 117	P.M. 126		A.M. 126	P.M. 124	P.M. 124		P.M. 124	P.M. 127		A.M. 110	A.M. 124	P.M. 116		P.M. 118		A.M. 120		A.M. 105	P.M. 109			A.M. Dead	2,387		
31 =			P.M. 117		P.M. 108		A.M. 132	P.M. 107		A.M. Dead																												464
32 =			P.M. 117	P.M. 126		P.M. 140			P.M. 112				A.M. 138	P.M. 95		P.M. 114		A.M. 121	P.M. 119		P.M. 61	P.M. 68		P.M. 121		P.M. 81								A.M. Dead		1,413		
33 =			P.M. 116		A.M. 133		A.M. 15	A.M. 112			P.M. 108		A.M. 48	A.M. 104		A.M. 115	A.M. 115		A.M. 101		A.M. 96		A.M. 88		P.M. 25	P.M. Dead										1,176		
34 =			P.M. 124			A.M. 134	P.M. 119		A.M. 127	P.M. 122		P.M. 44		A.M. 68	P.M. 98																							836
35 =			P.M. 102		A.M. 122	P.M. 117		A.M. 107	P.M. 122		P.M. 120		P.M. 113	P.M. 113	P.M. 120		P.M. 114		P.M. 119		P.M. 118		A.M. 122		A.M. 116		A.M. 111		A.M. 106	A.M. Dead							1,842	
36 =			A.M. 118	P.M. 120		P.M. 117		A.M. 123	P.M. 114		P.M. 119		A.M. 112	P.M. 107		A.M. 119	P.M. 123		P.M. 116		A.M. 120	P.M. 111		P.M. 101		A.M. Dead											1,620	
37 =			P.M. 105	P.M. 110		P.M. 124		A.M. 111	P.M. 71		P.M. 92		A.M. 81		P.M. 81		A.M. 51		A.M. 78		P.M. 67		P.M. 76		P.M. 29	P.M. Dead											1,076	
38 =			P.M. 115	P.M. 122		P.M. 128		A.M. 112	A.M. 122		A.M. 115	P.M. 112		P.M. 115		A.M. 117		A.M. 104								A.M. Dead												1,204
39 =			P.M. 89	A.M. Dead																																		39
40 =			P.M. 102		A.M. 128		A.M. 135	P.M. 123	P.M. Dead																													488
41 =			P.M. 127	P.M. 129			P.M. 30	P.M. 154			P.M. 116			A.M. 110	P.M. 108			P.M. 119		P.M. 109		P.M. 111		P.M. 105		P.M. 24									A.M. Dead	1,242		
42 =			P.M. 101			A.M. 127		A.M. 120	P.M. 135			P.M. 123		A.M. 131	P.M. 123		A.M. 116	P.M. 101		A.M. 117	P.M. 99		A.M. 101	A.M. 111		A.M. 113	P.M. 49	A.M. 18	A.M. 79				P.M. 83	P.M. Dead		1,847		



The Monthly Meteorological Report of the Panama Canal gives the temperature and humidity at Balboa Heights, near Ancon, for the three months during which these observations were being carried out as follows :—

1918.	Average Maximum Temperature (deg. Fahr.)	Average Minimum Temperature (deg. Fahr.)	Average Mean Temperature (deg. Fahr.)	Mean Relative Humidity (per cent.)
January .. ..	86.0	70.8	78.5	81.4
February .. ..	87.9	71.4	79.7	76.0
March .. ..	88.3	70.4	79.4	79.0

These observations on the house-fly in Panama may be briefly summarised as follows :—

Copulation may occur within 24 hours after emergence.

One successful copulation seems to be sufficient to fertilise the female for her life-period.

Oviposition may take place as early as two and a quarter days after emergence.

As many as 159 eggs may be deposited in one batch.

Large batches are sometimes deposited at intervals of but 36 hours.

One female may deposit as many as 21 batches, or a total of 2,387 eggs, in 31 days after emergence.

